461 Whenever I had the opportunity to enter one of those
252 houses, I always found the women working; some wove hammocks, some made flour, others smoked meat, some cooked, some prepared banana mush, etc.

262 They never failed to offer me something to eat: now
574 cooked sweet potatoes, now banana mush. [104]

[386] A cheerful and merry Indian woman, her face all painted up with urucu dye in addition to the usual designs offered me a tremendous caterpillar which she held on her finger. It was a repulsive thing which contracted and stretched convulsively; and the woman insisted upon transferring it to my own hand, telling me that it was something to eat: "Cobi-cobi."

XIV

Symbolic characters drawn on the cliff of Cantagalo, on the banks of the Upper Tapajoz, and on the hills of Areu-crê between Acupari and Necodemos.

172 On the left bank of the Upper Tapajoz, in the place known
532 as Cantagalo, fifteen figures are to be seen, drawn on the face of a cliff which is about one hundred meters high and which was carved perpendicularly by the stream.

These figures have been there for ages untold. the oldest frontiersmen who explored the Upper Tapajoz, and the oldest Mundurucu, found them just as they are but do not understand their meaning.

They are dark red, like ocher, and stand about eight meters above the highest level of the water at the time of its maximum winter swelling.

At the present time it would be impossible for a man to draw them at this height, even with the help of scaffolding, for the current is fierce where the river curves in at the base of the cliff, expecially at the time of year when the water level reaches its maximum height.

12: Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

level also, and there is no land-holding unit in Mundurucú society. The man who chooses a garden site and initiates and directs the labor upon it, however, is entitled to its proceeds. This man thereby becomes the "owner" of the yield of a completed garden, but not of the terrain itself. Even this is a very loose concept, for it will be seen that food is freely shared among relatives and fellow villagers. A person who, for some reason, does not have a garden is invariably given food or allowed to harvest from the garden of another.

The Mundurucú coöperate extensively in their horticultural work. Although almost all married men have their own gardens, the heavy work of clearing the forest is done by an all-village male work group. Each man who plans a garden invites all the other men of the village to help him. He supplies the food, usually beverages made of palm fruit and sweet manioc, consumed while actually doing the work. The work is done under the general supervision of the man whose garden is being cleared. His directing activities, however, consist of little more than deciding on the location and extent of the garden. These collective garden-clearing ventures are of doubtful efficiency. The participants generally dawdle on the way to their work, bathing, gathering fruits, and chatting. The actual labor is frequently interrupted by joking, conversation, eating, and little jaunts into the wood in search of parrots and pigeons. I have seen gardens being cleared by Brazilians and single families of Mundurucú in which far fewer man-hours produced equal results. Ethnographic literature presents many similar instances of collective labor for purposes of enjoyment and companionship. These same motivations obtain among the Mundurucú; but coöperation is also valued and demanded as a positive expression of social solidarity and has its roots in the social structure.

12: Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

and participates most intensively in the labor is illustrated by the example of two visitors in the village of Cabruá. Two elderly Mundurucú, one from the Tropas River and the other from the Cururú, arrived in the village to visit kinsmen. Both were excellent informants, and they stayed at our request longer than they had planned. They required a few trade articles that we were unable to supply and, accordingly, arranged to sell farinha to a trader. Neither had a garden in the village, and they harvested from those of relatives. Although each of the two men helped his wife in the process, other women of the village gave aid. Their coöperation was not as great as it would have been if these had been regular residents of the village, but it was still significant and given ungrudgingly. And although the wives of the two men worked with the other women throughout their stay in the village, none of the households could expect reciprocal labor from the two couples equal to that which had been extended. The people of Cabruá had simply followed the Mundurucú principle that coöperation should be given in any task in which joint effort is possible.

Mutual interdependence in manioc processing is a strong integrating factor among the women. But the farinha shed offers other gratifications than the purely economic. The women talk and joke as they work there, and those not immediately engaged in the labor sit about and join the conversation. Clusters of women often congregate in the farinha shed for purely social purposes when no farinha is being manufactured. As a forum and a point of social interaction, the farinha shed serves somewhat the same function for the females as the men's house for the males.

Harmony, so obvious among the men, is not as complete among the women, however. The household unit of fe-

12:Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

planting time a few weeks later; most, however, stay in the village. The average collecting season of the savannah Mundurucú thus lasts about two and a half to three months out of a possible period of six months.

The dwellings in which the collecting season is passed frequently consist only of a roof set on four or six upright posts, but others are larger and have walls of mud or palm leaves. Cooking is generally done in a shed connected to the rear of the house, in imitation of the typical north Brazilian kitchen. The rubber-avenue dwellings often house but one nuclear family, but if a larger group resides in the same house, all members of the nuclear family hang their hammocks adjacent to one another.

There is no firm rule dictating the composition of the membership of rubber-avenue dwellings. Residents of the same household tend to cling together during the dry season, but the limited number of rubber avenues accessible from one dwelling break up the larger extended families. In such cases, closer kinsmen within a household remain together. The availability of rubber avenues, in general, makes any strict rule of dry-season residence impracticable. They are limited in number, and a young man embarking on independent rubber collection must reside where an avenue is vacant.

The average Brazilian collector spends five or six days a week in his rubber avenue, but the campineiro rarely works more than four. And while a single Brazilian may have up to three separate avenues, working each on different days, no campineiro has more than one. Indisposition to intensive labor in rubber production thus combines with the maintenance of savannah-village residence to keep Mundurucú productivity low. The Indian collector leaves the house for his avenue early in the morning and generally returns by mid-afternoon. Besides his knife for

12: Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

cutting the bark and the metal cups in which he collects the rubber, he always carries his arms, hopeful for stray game. He wends his way through the forest, making an incision in the bark and setting a cup below it on the outward journey and collecting the latex on the way home. He frequently stops to collect fruit, shoot a monkey, or bathe. After returning home he cures the latex in a small shed built for that purpose. He then goes to the adjacent river and bathes; if it is not too late he may fish with a bow and arrow from the bank. On days when he does not visit his rubber avenue, the Mundurucú hunts or fishes. He is joined by the other men of the house if there are any; otherwise his pursuit is solitary, and the favored collective-hunting techniques cannot be employed. This and the general lack of firearms, which if he had them would make lone hunting more productive, result in a marked decrease in hunting during the dry season. Fish may be taken by individuals, and the kill of a few hours is generally ample for the needs of a nuclear family. On the other hand, a solitary hunter may pass two or three days without killing more than birds or a small monkey.

Large dry-season households commonly make gardens near their rubber avenues, but single family units rarely do so because they do not have enough workers to clear forest land. The advantages of rubber-avenue gardens outweigh the labor and inconvenience of clearing and planting them. The resident families have a local supply of farinha, which would otherwise have to be made in the village and transported to the rubber avenue; a difficult chore without canoes. Also, the land in the savannah country is inferior in quality to that near the larger rivers. Almost every rubber-avenue garden is in black soil, and this favored land is extremely scarce in the vicinity of Cabruá. These gardens are therefore frequently drawn upon to sup-

12: Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

especially the old, cling tenaciously to residence there. In times long past, the alternatives to village life were privation and death at the hands of enemy war parties; the village was the basic unit in economy and defense and was fundamental to the workings of the social organization.

The pacification of the Tapajós River region, and the rubber trade, have presented the opportunity for an alternate mode of residence along the banks of larger streams. That it offers certain attractions is manifest from the fact that almost three-quarters of the surviving Mundurucú of the area have elected it. But the 360 people who still reside in the savannahs pursue a way of life which is distinctively Mundurucú. It is a changed culture, a changed social structure, but it is genetically rooted in the Mundurucú past. Life in these savannah villages obviously exerts a considerable hold over its members, for the communities have been persisting despite more than a century and a half of contact with Brazilian society and a constant population drain through emigration and epidemic disease. Some of the principal bases of this cohesion lie in the social means by which Mundurucú technology is implemented, for these provide fundamental ties of personal and familial interdependence.

The keynote of this organization lies in coöperation in production, and collectivism in consumption. Men depend on coöperation in hunting to bring game to bay within short range of their bows and to concentrate their fire power. Women share the arduous chore of farinha making and increase their efficiency by a division of tasks. The efficiency gained is perhaps sacrificed to conviviality, but a dull and arduous job is nonetheless made more pleasant. The implements used in manioc processing are expensive and beyond the means of individuals, but the village buys

12:Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

177 797 the mission throughout their lives wholly renounce native belief.

The priests have had considerably more success in encouraging a positive attitude toward rubber collection and in fostering productivity as a prestige index. This is not true on the savannahs, where production is more narrowly linked to the obligation of the client to the patron and to the acquisition of needed goods. On the Cururú, however, it is more common to hear a person characterized as "lazy" or as "a good worker" with special reference to rubber collecting. The women make such statements more often than the men, for the value of a woman's possessions and therefore her status in the new scale of female values depends on the amount of rubber her husband collects. Thus, the Cururú woman does not want to marry a "lazy" man and especially does not want a campineiro, who is more likely to be a disinterested rubber tapper and less inclined to help his wife in what he considers to be woman's work.

The rubber trade on the Cururú is monopolized by the mission and the government Indian post. The bulk of the Mundurucú population on the Cururú River lives upstream from the mission, and since the Indian post is situated near the mouth of the river it is at a serious disadvantage in the competition between the two for the trade and, thereby, control of the Indians. The post lost influence also because of widespread dislike of the agent then in charge. Therefore, the mission today enjoys the greater Indian patronage and has been the more important agency in the introduction of Western culture.

Both the Indian post and the mission trade with the Indians on the basis of the barter-credit system which prevails throughout the region. During the dry season, rubber is traded, and farinha is bought during the winter rains. The Indians make occasional visits to the two agen-

12:Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

fathers are not separately dealt with, and the economic importance of the nuclear family is thereby enhanced. As soon as a young man reaches potential marriage age, however, he seeks out his own rubber avenue and thereafter trades on his own account. This can be contrasted to the savannahs where the young, unmarried men usually pool their production with that of their fathers.

The first rubber avenue worked by a youth is usually an unoccupied one in the vicinity of that of his father, but a shortage of available avenues nearby might cause him to seek farther afield. Upon marriage, the groom can settle near his father-in-law, according to the matrilocal rule, but lack of a convenient avenue might cause him to remain patrilocal or to seek a new residence altogether. In short, the tendency toward permanent residence near one's rubber avenue, the high importance that the rubber-extraction industry has in the lives of the people of the Cururú, and the fact that each man trades for himself, release the young men of dependence on an extended family head and contributed to the breakdown of the extended family and matrilocality on the Cururú. This complements the previously described loss of coöperative patterns in the subsistence economy, with corresponding enhancement of the role of the nuclear family.

Finally, the people of the Cururú are more heavily engaged in the rubber trade than the campineiros. In contrast to the four days per week and three months per year that the latter spend in actual rubber production, the average Cururú rubber tapper works five days a week and four to five months a year. Also, many Indians on the Cururú exploit two or three avenues. The longer time spent in rubber collecting means that the Indian must return to the rubber trees after planting his garden. This is difficult for the campineiro, because the avenues are far from the vil-

12: Murphy E-5 (1952-1953) 1960
SQ13 Mundurucu SQ13

lages and easy transportation is lacking. But on the Cururú, even the man who has a separate dry-season residence has direct access to his village by canoe.

THE CURURÚ VILLAGE

The Mundurucú population of the Cururú River has for several years maintained an average figure of 700. This includes 200 Indians with permanent residences at the mission and 70 to 80 who live at the Indian post. Part of these latter two groups spread out every summer to collect rubber while the others work for the two agencies as gardeners, general workmen, fishermen, and crew members on the launches. The post and mission Mundurucú settlements are in no way autonomous villages, and all general economic and political direction is provided by the Indian agent and the priests.

The rest of the population is principally distributed in eleven settlements ranging in size from hamlets of two or three houses with populations of 20 to 25 people to the largest settlement, Missão Velha,[1] with eleven houses and 90 inhabitants. In addition there are many scattered dwellings along the banks which are the all-year residences of one or two nuclear families. In 1942 there were only about seven villages on the Cururú and practically no isolated dwellings, although the population then was substantially the same. The increase in number of villages and of families living in isolation is the result of a fission process in which segments of villages split away to form new communities. The Cururú River settlements are in this sense more unstable than the contemporary savannah communities. Thus, the average population of the five traditional savannah villages, excluding Parawaröktiká, which has no

[1] Old Mission. So named because it is near the site of the first mission, abandoned in 1921.